

ABSTRACT OF THE DISCLOSURE

[0040] A method for reducing the size in designing a servo system simulation program configured in a programmable calculator. The method has the following steps: determining a servo type is a generalized type, and assigning servo parameters; then
5 determining an input function as a combination function, and using a plot to display the input function; the servo type sequentially generates an output function and a state variable according to the servo parameters and the input function, and uses a plot to display the output function. Thus, the memory usage of the programmable calculator is reduced, and the programmable calculator can be applied to the simulation of the servo
10 system.